

hRIZ	QNTTEVA ATETLAEVPE HVLRCLPSEEV RLFP SAVDKT RICWATKPI LKCKKKFCPFV QNTEVA ATETLAEVPE HVLRCLPSEEV RLFP SAVDKT RICWATKPI LKCKKKFCPFV QNTEVA ATETLAEVPE HVLRCLPSEEV RLFP SAVDKT RICWATKPI LKCKKKFCPFV	60
rRIZ	COKKKRSQVK PNLCWMCIDA TDPEKGMLR YNNWACSCCE QNLFPLEINR COKKKRSQVR PNLCWMCIDY TDPEKGMLR YNNWACSCCE QNLFPLEINR COKKKRSQW PNLCWMCIDY TDPEKGMLR YNNWACSCCE QNLFPLEINR	120
Consensus		119
hRIZ	AIYYKTULPKPI APGEELLWWY NCEDNPEIAA AIEEERASAR SKRSPSKSR AIYYKTULPKPI APGEELLWWY NCEDNPEIAA AIEEERASAR SKRSPSKSR AIYYKTULPKPI APGEELLWWY NCEDNPEIAA AIEEERASAR SKRSPSKSR.	180
rRIZ	KQNKIQDIDL KISE-DTSA NMRS-AECPK EDEBENPHASA KQIRTHPTDL KSESDTSA NMRS-AECPK EDEBEPASA KQ...OL K SE.D..NMR SAECPK E...ASA	179
Consensus		180
hRIZ	KQNKIQDIDL KISE-DTSA NMRS-AECPK EDEBENPHASA KQIRTHPTDL KSESDTSA NMRS-AECPK EDEBEPASA KQ...OL K SE.D..NMR SAECPK E...ASA	240
rRIZ	EEPOP EDEERUEAAA CEVND CEEE EEEE EEE EEPOP EDEERUEAAA CEVND CEEE EEEE EEE EEPOP EDEERUEAAA CEVND CEEE EEEE EEE	239
Consensus		240
hRIZ	EEPOP EDEERUEAAA CEVND CEEE EEEE EEE EEPOP EDEERUEAAA CEVND CEEE EEEE EEE EEPOP EDEERUEAAA CEVND CEEE EEEE EEE	300
rRIZ	EEPOP EDEERUEAAA CEVND CEEE EEEE EEE EEPOP EDEERUEAAA CEVND CEEE EEEE EEE EEPOP EDEERUEAAA CEVND CEEE EEEE EEE	295
Consensus		300
hRIZ	NESNSKEPEI RCEKPEDLL EEPKTSSEr LEDCSFVTPA HQIPRKEEA NCDVETFMF NEESNSKEPEI RCEKPEDLL EEPKTSSEr LEDCSFVTPA HQIPRKEEA NCDVETFMF NEESNSKEPEI RCEKPEDLL EEPKTSSEr LEDCSFVTPA HQIPRKEEA NCDVETFMF	160
rRIZ	PRPAPEPQP ENDCKOEVTD CEVND EEEE EEEE EEE PRPAPEPQP ENDCKOEVTD CEVND EEEE EEEE EEE PRPAPEPQP ENDCKOEVTD CEVND EEEE EEEE EEE	155
Consensus		160

**FIGURE 1A**

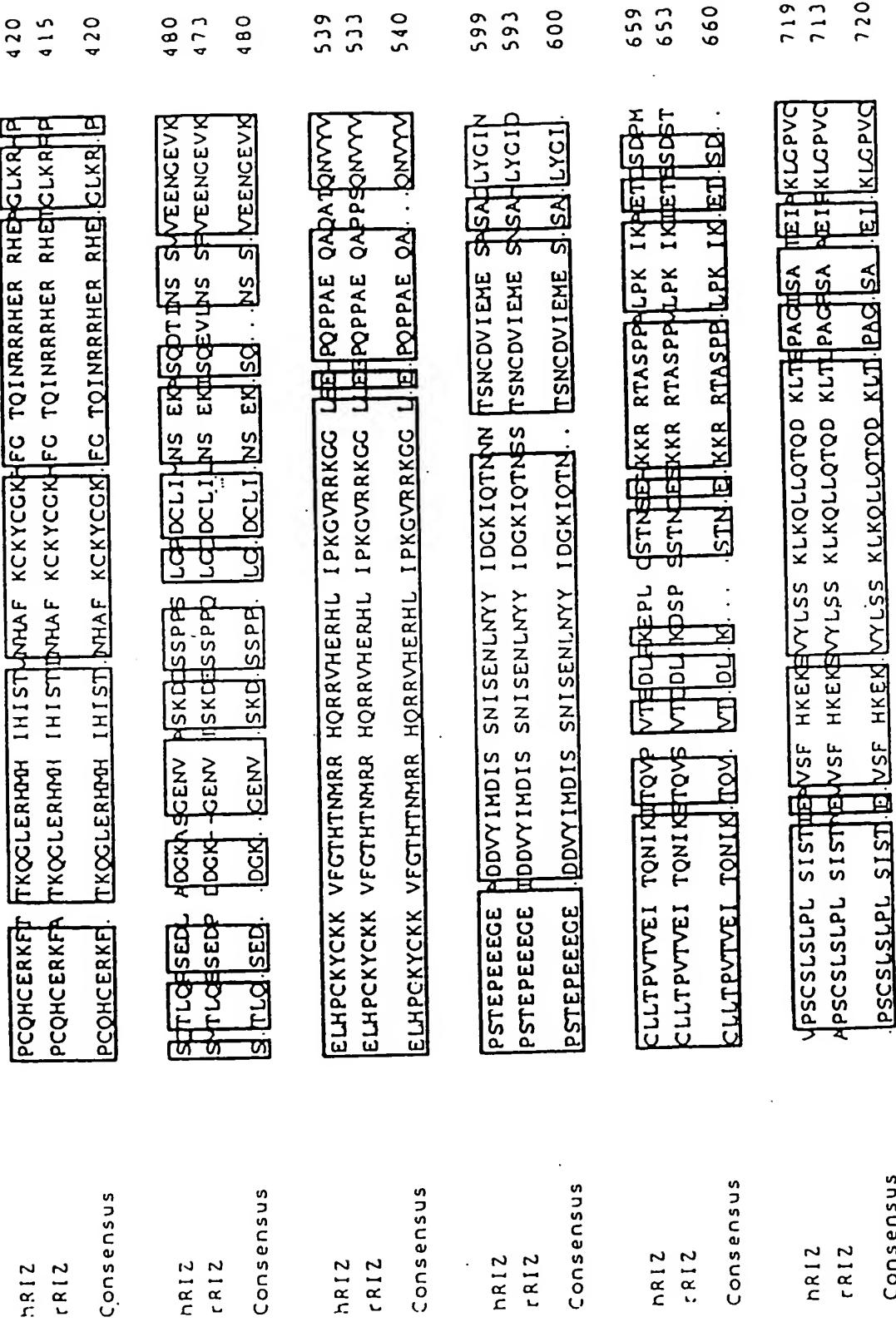


FIGURE 1B

hRIZ	SAPASMLPV TSSRFKRRTS SPPSSPOHSP ALRDFCKP D CKAAWTDAQL TSKKQEKLES	779
rRIZ	SAPASMLPV TSSRFKRRTS SPPSSPOHSP ALRDFCKP D CKAAWTDAQL TSKKQKLES	773
Consensus	SAPASMLPV TSSRFKRRTS SPPSSPOHSP ALRDFCKP D CKAAWTDAQL TSKKQKLES.	780
hRIZ		
rRIZ		
Consensus		
hRIZ	SDSPAWSLSC RDERET SPP CFDEYK SKE WASS FSSV CNOQPLDLS CVKQKEECTC	839
rRIZ	SDSPAWSLSC RDERET SPP CFDEYK SKE WASS FSSV CNOQPLDLS CVKQKEECTC	833
Consensus	SDSPAWSLSC RDERET SPP CFDEYK SKE WASS FSSV CNOQPLDLS CVKQKEECTC	840
hRIZ	KTPVWESVL DLSVHKRQS DSECKEKFES FSVFPTCSAV KKPPTTCML QKVLLNEYNC	899
rRIZ	KTPVWESVL DLSVHKRQC DSECKEKFEN KKPPTTCML QKVLLNEYNC	889
Consensus	KTPVWESVL DLSVHKRQC DSECKEKFKE KKPPTTCML QKVLLNEYNC	900
hRIZ	10LPENPAD CTRSPSPCKS EAQPDPLC P SCFPAPTV ESTPAPM PS SPLOT.SLS	958
rRIZ	VSLPHEITPE VTRSPSPCKS PDTQPDPLC P SSCSVPM ESTPAPM PS SPLOT.SLS	949
Consensus	10LPENPAD CTRSPSPCKS QPDP LC P S... PT. ESTPAPM PS SPLOT.SLS	960
hRIZ	SCQLPPLUP T PSSPPPCCP PVLTVAATPPP PLLPTVPPA PSPSEASPHIC PSPSN.TAO	1018
rRIZ	SCQLPPLUP T PSSPPPCCP PVLTVAATPPP PLLPTVPPA PSPSEASPOCC PSPSN.TAO	1009
Consensus	SCQLPPLUP T PSSPPPCCP PVLTVAATPPP PLLPTVPPA PSPSASP. C PSP. SN.TAO	1020
hRIZ	SPLPILSPTV SPSPSPIPPV EPLMSAASPC PPTLSSSSSS SSESSESEPP	1078
rRIZ	SPLPILSPTV SPSPSPIPPV EPLMSAASPC PPTLSSSSSS SSESSESEPP	1067
Consensus	SPLPILSPTV SPSPSPIPPV EPLMSAASPC PPTLSSSSSS SSESSESEPP	1080

FIGURE 1C

hRIZ	[REDACTED]	1138
rRIZ	[REDACTED]	1126
Consensus	[REDACTED]	1140
hRIZ	[REDACTED]	1198
rRIZ	[REDACTED]	1186
Consensus	[REDACTED]	1200
hRIZ	VCESPFLSIK DLTKHLSIHA EEWPFKCEFC VOLFKIKTDL SEHRFLUHCV CNI FVCSVCK	1258
rRIZ	VCESPFLSIK DLTKHLSIHA EEWPFKCEFC VOLFKIKTDL SEHRFLUHGV CNI FVCSVCK	1246
Consensus	[REDACTED]	1260
hRIZ	KEFAFLCNLQ OHQDRLHPDK VCTHIEFESG TLRQNFTDP SKA [REDACTED] S LPEPLETSK	1258
rRIZ	KEFAFLCNLQ OHQDRLHPDE VCTHIEFESG TURQNFTDP SKA [REDACTED] S LPEPLETSR	1246
Consensus	KEFAFLCNLQ OHQDRLHPD. VCTHIEFESG TURQNFTDP SKA [REDACTED] S LPEPLETS.	1260
hRIZ	EEE [REDACTED] ELYTTIKIMA SCIITKOPDV RLGLNQHYP5 FKPPPFOYHH RNPNGIGVTA	1118
rRIZ	EEE [REDACTED] ELYTTIKIMA SCIITKOPDV RLGLNQHYP5 FKPPPFOYHH RNPNGIGVTA	1105
Consensus	EEE [REDACTED] ELYTTIKIMA SCIITKOPDV RLGLNQHYP5 FKPPPFOYHH RNPNGIGVTA	1120
hRIZ	TNFTHNIPO TFTTAIRCTK CGKCVDNMPE LHKHILACAS ASDKKRYTPK KNPVPLKOTV	1178
rRIZ	TNFTHNIPO TFTTAIRCTK CGKCVDNMPE LHKHILACAS ASDKKRYTPK KNPVPLKOTV	1165
Consensus	TNFTHNIPO TFTTAIRCTK CGKCVDNMPE LHKHILACAS ASDKKRYTPK KNPVPLKOTV	1180
hRIZ	OPKNGVVVLQ NSCKNAFRRM COPKRL [REDACTED] KU ALKKKKNQ LVQKA1LOKN	1418
rRIZ	OPKNGVVVLQ NSCKNAFRRM COPKRL [REDACTED] KU ALKKKKNQ LVQKA1LOKN	1425
Consensus	OPKNGVVVLQ NSCKNAFRRM COPKRL [REDACTED] KU ALKKKKNQ LVQKA1LOKN	1440

FIGURE 1D

hRIZ	KSAKQKADLK	NACDESSHIC	PYCHCREFTYI	CSLNKHAAFS	CPKKPLSPK	XVSHSSKKQ	1498
rRIZ	RAAKQKADLR	DTSESSHIC	PYCHCREFTYI	CSLNKHAAFS	CPKKPLSPK	XVSHSSKKQ	1485
Consensus	AKOKADU	E.SSHIC	PYCHCREFTYI	CSLNKHAAFS	CPKKPLSPK	XVSHSSKKQ	1500
hRIZ	CHESSPK	SNSNRRRT	ACDEIKMOSY	PLCKTRAR	SCPTQVPLP	SSSFRSQNV	1558
rRIZ	CHASSSDR	NSSECHPRRT	ACDEIKMOSY	PLCKTRAR	SCPTQVPLP	SSSFRSQNV	1545
Consensus	CH SSSD	NS . . . .	RRRT ACDEIKMOSY	PLCKTRAR	SCPTQVPLP	SSSFRSQNV	1560
hRIZ	KFAASVKSKK	SSSSLRNNS	PIRMAKITHV	ECKKPKAVAL	NHSAQLSSKT	SRBLHVVRVQK	1618
rRIZ	KFAASVKSKK	SSSSLRNNS	PIRMAKITHV	ECKKPKAVAL	NHSAQLSSKT	SRBLHVVRVQK	1605
Consensus	KFAASVKSKK	SSSSLRNNS	PIRMAKITHV	ECKKPKAVAL	NHSAQLSSKT	SRBLHVVRVQK	1620
hRIZ	SKAVQSKT	LASKFRDRF	NKSRERSGC	PVTRSLQAA	AADLSE	DISAKOELKQ	1678
rRIZ	SKAVQSKTA	LASKFRDRF	IUKSRERSGC	PVTRSLQAA	AADLSE	DESARHELKQ	1665
Consensus	SKAVQSK	LASKFRDRF	KSRERSGC	PVTRSLQAA	AADLSE	RE D. SA . ELKQ	1680
hRIZ	FSYSLRLASR	CPAAAHYIT	RQTRKVKA	A A	AOFOCPFFK	E	1719
rRIZ	FSYSLRLASR	CSSTAAHYIT	RQTRKVKA	A A	ATPFQCPFFK	E	1707
Consensus	FSYSLRLASR	Q . . . .	A YIT RQTRKVKA	A A	FOCPFFK	E	1722

FIGURE 1E

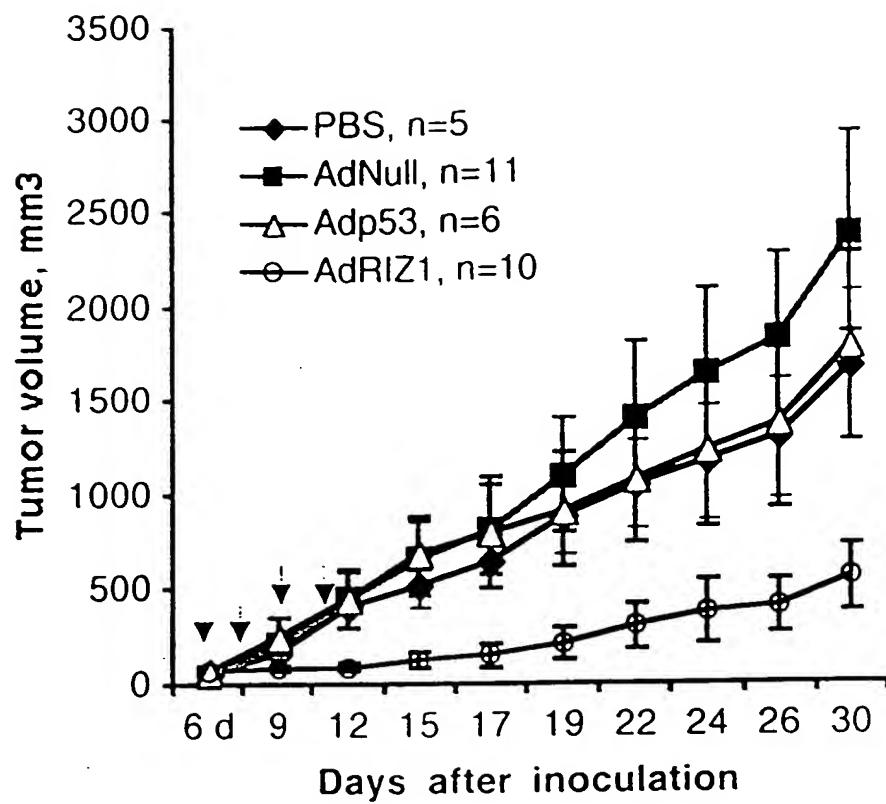


FIGURE 2

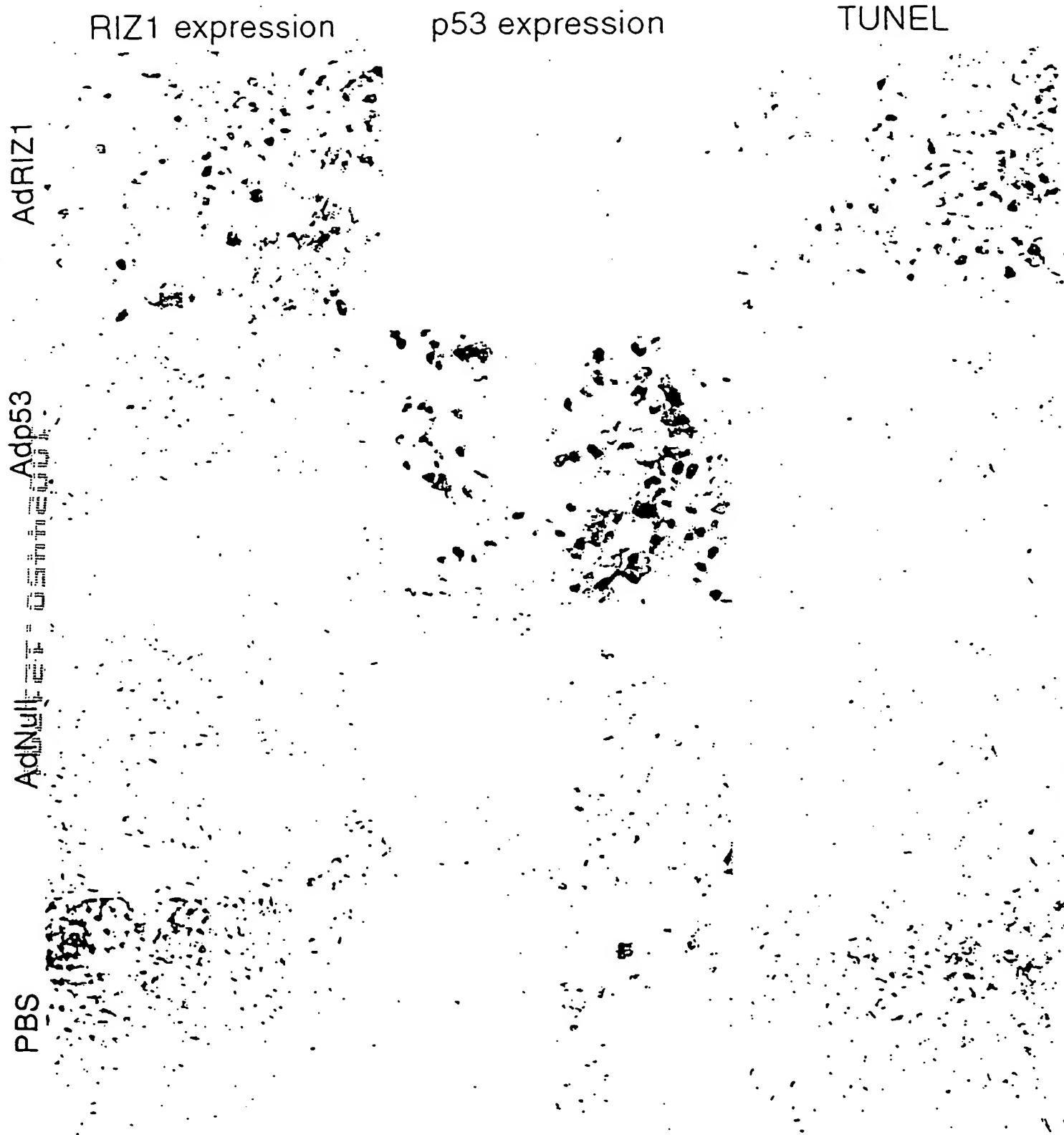


FIGURE 3